

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	9	L9 and ((intra-row "intra row") near3 (permutation permutating permuting permute) near3 sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:31
L8	8	L7 and ((intra-row "intra row") near3 (permutation permutating permuting permute) near3 sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:31
L10	8	L8 and ((intra-row "intra row") near3 (permutation permutating permuting permute) near3 sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:30
L9	5743	(714/701,702,746,756,763,786,791, 792 711/127,200,209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:30
L7	5646	(714/701,702,746,756,763,786,791, 792 711/200,209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:30
L6	6	L5 and ((intra-row "intra row") near3 (permutation permutating permuting permute) near3 sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:29
L5	3963	(714/701,702,756,763,786,791,792 711/200,209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:29
L4	21	((intra-row "intra row") near3 (permutation permutating permuting permute) near3 sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:27
L3	29	((intra-row "intra row") with (permutation permutating permuting permute) with sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:17

## EAST Search History

S84	1	S83 and ((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and increment\$3 and sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:15
S49	1	S46 and ((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and increment\$3 and sequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:27
S83	3774	(714/701,702,756,763,786,791,792 711/200,209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:26
S81	3267	(714/701,702,763,791,792 711/200, 209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:26
S82	0	S81 and S80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:25
S46	3103	(714/701,702,763,791,792 711/200, 209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:25
S80	3	(intra-row near2 permutation near3 increment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 12:24
S79	2	"4394642".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/29 11:04
S78	25	interleaver same (increment near3 (value number parameter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:51

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S77	21	S73 and (714/701,702,763,791,791 711/200,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:50
S76	0	S75 and (714/701,702,763,791,791 711/200,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:42
S4	2268	(714/701,702,763,791,791 711/200, 217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:42
S75	0	S73 and (intra same row same permut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:41
S74	0	(intra same row same permut\$5) and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:41
S71	7	(((intra same row same permut\$5) same (generat\$3 calculat\$3)) and (adder same (multiplex\$3 mux select\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:41
S73	565	S72 not S71	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:40
S72	571	(interleaver (turbo near (decod\$3 encod\$3))) and (adder same (multiplex\$3 mux select\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:40
S67	589	(((intra same row same permut\$5) same (generat\$3 calculat\$3)) (interleaver (turbo near (decod\$3 encod\$3))) and (adder same (multiplex\$3 mux select\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:39
S70	130	S68 not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:35

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S69	134379	S68 -L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:35
S68	137	((intra same row same permut\$5) same (generat\$3 calculat\$3)) (interleaver (turbo near (decod\$3 encod\$3))) same (adder same (multiplex\$3 mux select\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:34
S66	8	((intra same row same (permutation permutating permuting permute) same (generat\$3 calculat\$3)) and (adder same (multiplex\$3 mux select\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:30
S63	12	((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and ((invers\$3 revers\$3) deinterleaver (sequential near3 execut\$3 near4 permut\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 11:25
S65	2	"20020091900".did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 15:07
S64	5	S63 not S62	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:23
S62	7	((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and ((invers\$3 revers\$3) near4 permut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:22
S57	1	S56 and ((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and S53)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:17
S61	0	((3GPP UMTS) same ((final same address) near4 permut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:15

## EAST Search History

S60	0	((3GPP UMTS) same ((final near3 address) near4 permut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:15
S53	4	S52 and (final near5 address)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:14
S59	1	((3GPP UMTS) same ((invers\$3 revers\$3) near4 permut\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:12
S58	2	(("inter row" inter-row) near4 (invers\$3 revers\$3) near4 permut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:12
S51	22	(("inter row" inter-row) near1 permut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:10
S56	3103	(714/701,702,763,791,792 711/200, 209,217,218).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 09:08
S55	11	S52 not S53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 08:58
S54	0	S53 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 08:58
S52	15	S50 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 08:50
S50	24	(("intra row" intra-row) near1 permut\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/25 08:49

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S48	0	S46 and ((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and ((permutation permutating permuting permute) near3 increment\$3) and ((permutation permutating permuting permute) near3 sequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 16:11
S47	0	S46 and ((intra same row same (permutation permutating permuting permute)) and (inter same row same (permutation permutating permuting permute)) and (pattern near4 increment\$3) and ((permutation permutating permuting permute) near3 sequenc\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 16:10
S13	13	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and (data near4 (storage storing memory))) and (permutation permutating permuting permute)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/24 16:09
S45	1	"6637000".PN.	USPAT; USOCR	OR	ON	2005/03/24 14:52
S44	1	"6289486".PN.	USPAT; USOCR	OR	ON	2005/03/24 14:51
S43	1	"6334197".PN.	USPAT; USOCR	OR	ON	2005/03/24 14:50
S42	1	"6442728".PN.	USPAT; USOCR	OR	ON	2005/03/24 14:48
S3	1	JP-2002535867\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/29 13:11
S2	2	JP-2001138596\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/29 13:10

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S1	2	JP-2000138596\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/29 13:10
S41	4	"943895".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/28 10:08
S29	71896	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and (data near4 (storage storing memory))) and (permutation permutating permuting permute)) ((operational operating) near4 parameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/28 10:07
S40	2	((US-6732316-\$ or US-6543013-\$ or US-6442728-\$ or US-6353900-\$ or US-6493815-\$ or US-6334197-\$ or US-6304985-\$ or US-6289486-\$ or US-5446747-\$ or US-6023783-\$). did. or (US-20020035709-\$).did.) and prime) and (primitive near3 root)	US-PGPUB; USPAT	OR	OFF	2004/07/27 14:43
S39	7	((US-6732316-\$ or US-6543013-\$ or US-6442728-\$ or US-6353900-\$ or US-6493815-\$ or US-6334197-\$ or US-6304985-\$ or US-6289486-\$ or US-5446747-\$ or US-6023783-\$). did. or (US-20020035709-\$).did.) and prime	US-PGPUB; USPAT	OR	OFF	2004/07/27 14:43
S34	1	((US-6732316-\$ or US-6543013-\$ or US-6442728-\$ or US-6353900-\$ or US-6493815-\$ or US-6334197-\$ or US-6304985-\$ or US-6289486-\$ or US-5446747-\$ or US-6023783-\$). did. or (US-20020035709-\$).did.) and inter	US-PGPUB; USPAT	OR	OFF	2004/07/27 14:42
S38	1	"4413340".PN.	US-PGPUB; USPAT	OR	ON	2004/07/27 12:33
S37	1	"5742612".PN.	US-PGPUB; USPAT	OR	ON	2004/07/27 12:33
S36	1	"6347385".PN.	US-PGPUB; USPAT	OR	ON	2004/07/27 12:32

## EAST Search History

S35	6	("6392572" "6553516" "6598202").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 12:31
S12	24	((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and (data near4 (storage storing memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/27 12:30
S33	11	(US-6732316-\$ or US-6543013-\$ or US-6442728-\$ or US-6353900-\$ or US-6493815-\$ or US-6334197-\$ or US-6304985-\$ or US-6289486-\$ or US-5446747-\$ or US-6023783-\$). did. or (US-20020035709-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/07/27 11:13
S32	1	"5996104".PN.	US-PGPUB; USPAT	OR	ON	2004/07/27 10:17
S31	1	"6023783".PN.	US-PGPUB; USPAT	OR	ON	2004/07/27 10:16
S30	0	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and (data near4 (storage storing memory))) and (permutation permutating permuting permute) and ((operational operating) near4 parameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 16:50
S28	2	"5446747".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 16:43
S27	1	"5056105".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:31
S26	1	"5241563".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:30
S25	1	"5535220".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:29
S24	1	"5652861".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:27
S23	1	"5966727".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:27

## EAST Search History

S22	1	"5446747".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:18
S21	1	"6353900".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:16
S20	1	"6434203".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:13
S19	1	"6334197".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:10
S18	1	"6442728".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:08
S17	1	"6543013".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:06
S16	1	"6553516".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:05
S15	1	"6637000".PN.	US-PGPUB; USPAT	OR	ON	2004/07/26 16:04
S14	7	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and (data near4 (storage storing memory))) and (permutation permutating permuting permute)) not ((((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and register) and (data near4 (storage storing memory)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:55
S11	13	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and register) and (data near4 (storage storing memory))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:53
S10	13	(((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and register) and (storage storing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:52

## EAST Search History

S9	15	((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3)) and register	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:22
S8	27	((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and ((interleaver interleaved interleaving) near4 address\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:22
S7	0	((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and (address near2 calculator) and ((interleaver interleaved interleaving) near4 address\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:21
S6	0	((((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode))) and (address near2 calculator) same ((interleaver interleaved interleaving) near4 address\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:21
S5	57	((714/701,702,763,791,791 711/200,217,218).ccls.) and (turbo near4 (encoder encoding coding encode)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/26 15:20